

ABSTRACT OF THE DISCLOSURE

A water inlet/outlet structure for a ceramic shaft of a single-handled faucet includes a valve housing having a valve chamber disposed therein for a switch valve set and a valve mount to be adapted therein wherein the switch valve set made up of a control stick seat, a support seat and a switch valve is engaged with the valve mount equipped with an upper and lower switch valves. Grooved seats are disposed at the bottom peripheries of arc hot/cold water inlet holes and a water outlet hole of the lower switch valve thereof to be registered with higher protruded walls extending at the peripheries of arc hot/cold water inlet passage and a water outlet passage of the valve mount thereof respectively. A lower stop wall is integrally formed outside the higher protruded walls thereof to define a channel groove there-between for a sealing ring of identical shape to be securely engaged therewith. Thus, when the hot/cold water inlet holes and the water outlet hole of the lower switch valve are overlapped on top of the hot/cold water inlet passages and the water outlet passage of the valve mount respectively, the grooved seats thereof are securely coupled with the higher protruded walls thereof to effect a tight seal against leakage and press downwards the sealing ring, efficiently facilitating the sealing effect of the sealing ring and ensuring the precise engagement of the lower switch valve with the valve mount thereof so as to achieve the purposes of leakage-proof as well as resistance to high water pressure and impact in practical use.